

BSI-Inspectorate America  
178 Mortland Road  
Searsport, Maine 04974  
(207)548-6440

## QUALITY CERTIFICATE

Vessel	SHORE TANK NO. 3	Port	SEARSPORT, MAINE	Report	SP/05/0117
Customer	SPRAGUE	Date	January 24, 2005	Reference	
Operation	ANALYSIS	Terminal	SPRAGUE	Sample #	326403

Name of material being tested  
Description of sample source  
Samples Drawn by (company)  
Samples Tested by (company)

### NO. 6 FUEL OIL 2.0%

EX. SHORE TANKS NO. 3 AFTER DISCHARGE OF KTC-71  
BSI-INSPECTORATE  
BSI-INSPECTORATE

Tests being Performed	Test method	Minimum	Maximum	Sample Source
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GRAVITY, API @ 60 F	ASTM D 4052			12.2
FLASH POINT, F	ASTM D 93			183
VISCOSITY, SSF @ 122 F	ASTM D 445/2161			231
POUR POINT, F	ASTM D 97			+26.6
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.10
SULPHUR, % WT.	ASTM D 4294			1.82
ASH, % WT.	ASTM D 482			0.052
VANADIUM, PPM	AA/AE			112
SODIUM, PPM	AA/AE			14
BTU'S/POUND	CALCULATION			18,360
BTU'S/GALLON	CONVERSION			150,570
NITROGEN, % WT.	ASTM D 3228			0.594
CARBON RESIDUE, % WT.	ASTM D 4530			17.37
ASPHALTENES, % WT.	IP-143			10.49
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